

Application No. 09/560,046  
Attorney's Docket No. 028870-224

## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

### LISTING OF CLAIMS

Claims 1-16 (Canceled)

Claim <sup>1</sup>~~17~~. (Currently amended) A wound or burn dressing comprising a bandage, a topical antibiotic and non-linked particles of bioactive glass wherein the bandage is cotton, gauze, fiberglass, or synthetic material and The dressing of claim 16 wherein the fiberglass is made from bioactive glass.

Claim <sup>2</sup>~~18~~. (Previously presented) A wound or burn treatment applicator apparatus comprising a topical carrier in a first chamber, non-linked particles of bioactive glass in a second chamber and a mixing means for mixing the topical carrier and the bioactive glass.

Claim <sup>3</sup>~~19~~. (Original) The apparatus of claim <sup>2</sup>~~18~~, wherein the wound or burn treatment apparatus is a multi chamber syringe.

Claim 20. Canceled

Claim <sup>4</sup>~~21~~. (Original) A method for improving the appearance of the scar formed during the healing of wounds or burns comprising contacting a wound or burn with an effective scar appearance improving amount of a non-linked, particulate bioactive glass.

Claim <sup>5</sup>~~22~~. (Original) The method of claim <sup>4</sup>~~21~~ wherein the bioactive glass is present in a composition comprising the bioactive glass in the form of non-linked, small particles of bioactive glass and a suitable carrier.

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Claim 23. Canceled.

Claim 24. Canceled.

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Claim ~~25~~<sup>6</sup>. (Currently amended) A method of reducing the level of inflammation in a wound by contacting the wound with an effective inflammation reducing amount of a bioactive glass. The method of claim 24 wherein the inflammation is chronic inflammation.

Claim 26. Canceled.

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Claim ~~27~~<sup>7</sup>. (Currently amended) A method of reducing the level of bacterial infection in a wound comprising contacting the wound with an effective antibacterial amount of a bioactive glass. The method of claim 26, wherein the bioactive glass has a composition by weight percentage:

<u>Component</u>	<u>Percent</u>
SiO <sub>2</sub>	40-86
CaO	10-46
Na <sub>2</sub> O	0-35
P <sub>2</sub> O <sub>5</sub>	2-8
CaF <sub>2</sub>	0-25
B <sub>2</sub> O <sub>3</sub>	0-10
K <sub>2</sub> O	0-8
MgO	0-5.

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Claim ~~28~~<sup>7</sup>. (Currently amended) The method of claim 26 ~~27~~<sup>7</sup>, wherein the bioactive glass has a composition by weight percentage:

Component	Percent
SiO <sub>2</sub>	45
CaO	24.5
Na <sub>2</sub> O	24.5
P <sub>2</sub> O <sub>5</sub>	6.

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[Claim 29. Canceled.]

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Claim ~~30~~<sup>9</sup>. (Currently amended) A method of reducing the level of bacterial infection in a wound comprising contacting the wound with an effective antibacterial amount of a bioactive glass. ~~The method of claim 26~~, wherein the bioactive glass has a particle size range less than about 20 microns as measured by SEM or laser light scattering techniques.

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cont.  
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Claim ~~31~~<sup>9</sup>. (Currently amended) The method of claim 26 ~~30~~<sup>9</sup>, wherein the bioactive glass has a particle size range less than about 2 microns as measured by SEM or laser light scattering techniques.

[Claims 32-49. Canceled.]